

Derek Kelly

Stratford, ON N5A 6S2

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MANUFACTURING

Excellent communication and computer skills, able to use Microsoft Word, Excel and PowerPoint. Previous experience working with others, maintaining inventory, quality control and shipping / receiving. Trained in working at heights, scissor lift operation and confined spaces. Highly motivated.

Able to complete projects using basic welding and machining techniques and utilizing a variety of machines. Experienced with industry grade tools and equipment.

Trained in WHMIS and Confined Space Entry.

KEY SKILLS & ABILITIES – General Machining

- Working with files and other hand tools
- Understanding machining terms and methods
- Calculating speeds and feeds used in machining various materials
- Identifying parts of milling machine and lathe
- Understanding material removal and drilling using a milling machine, as well as turning, facing and drilling using a lathe
- Using horizontal bandsaws to cut off material
- Interpreting basic blueprint drawings and preparing free-hand sketches
- Utilizing measuring instruments such as micrometers and vernier calipers
- Using layout equipment and understanding various setup, clamping and work holding techniques

KEY SKILLS & ABILITIES – Welding /Metal Fabricating

- Designing and fabricating metal projects
- Understanding the basics of metallurgy
- Reading and working with a variety of shop drawings to complete welding jobs
- Identifying and interpreting weld symbols
- Selecting and preparing appropriate materials and equipment settings
- Understanding layout procedures and material preparation
- Completing set up, adjustment of flame and gas pressure, and shut-down procedures for oxyacetylene welding and cutting equipment
- Creating basic weld joints in a variety of positions and processes including: GMAW (MIG), FCAW (Flux Cored Arc Welding) and SMAW (ARC) and applying according to required standards
- Defining the fundamental causes of distortion and describing the factors affecting distortion
- Understanding methods used to prevent distortion
- Performing post-welding procedures
- Inspecting and troubleshooting welding projects

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RELATED EXPERIENCE

ACCUMETAL MANUFACTURING INC, Stratford, ON – Paint Prep Labourer September 2019 – Present

- Working on a team of 4-8, produce 20-30 racks of product per day, on weekends solely produce at least 5 racks per day, avoiding imperfections and ensuring parts confirm to quality ISO
- Input job number into job boss software for front office use, marking or stamping of product in order to be billed per hour, monitoring inventory and recommend ordering when required
- Ensured that the numbers of parts match quantity produced from job requested with 85-95% accuracy, ensuring escalated reports to manager are not needed
- Operate 10-Tone Overhead Crane to move parts around facility
- Assist others when require in other areas

SCHAEFFLER GROUP, Stratford, ON – **Shipper / Receiver** 2015 - 2016

- Performed quality control inspections on products, stocked production lines with materials and met goals
- Achieved an excellent attendance record
- liaised with managers and factory engineers

ADDITIONAL EXPERIENCE

STRICTLY STRATFORD, Stratford, ON – **Owner / Director / Producer** 2017 - Present

- Grew venue capacity from 60% to 110% in one season
- Develop business concepts, run social media campaigns, increased revenues
- Build relationships with local businesses, actors, customers, vendors and other stakeholders

EDUCATION & TRAINING

TECHNICAL TRAINING GROUP (TTG), Stratford, ON 2019

25 Week Manufacturing Pre-Apprenticeship Multiple Trades Exposure Program (includes 120 hours of Welder/Metal Fabricator Pre-Apprenticeship Training, 60 hours of General Machining Training, and an 8-week work placement)

Received introductory welding, fabricating and machining theory instruction, along with hands-on training. Trade Math, Introductory Blueprint Reading and General Health and Safety awareness were also included.

Specific certifications included: **Worker Health & Safety Awareness in 4 Steps, WHMIS, Confined Space Entry Awareness, First Aid/CPR**

ST. JOHNS AMBULANCE, Stratford, ON – **First Aid, CPR, and AED Certified**

GOVERNMENT OF ONTARIO, **Scissor Lift Operator** 2018

GOVERNMENT OF ONTARIO, **Working at Heights** 2018

LAMBTON COLLEGE, Sarnia, ON – **Industrial Management** 2014